

CLIMATOLOGICAL TABLE

STATION Madras (Chennai) LAT. 13 00' N. LONG. 80 11' E. HEIGHT ABOVE M.S.L. 16 METRES. BASED ON OBSERVATIONS FROM 1931 TO 1960.

MONTH	STATION LEVEL PRESSURE †	AIR TEMPERATURE								HUMIDITY		CLOUD AMOUNT		RAINFALL						MEAN WIND SPEED			
		MEAN (°F)						EXTREMES						MONTHLY TOTAL	No OF RAINY DAYS	TOTAL IN WETTEST MONTH WITH YEAR	TOTAL IN DRIEST MONTH WITH YEAR	HEAVIEST FALL IN 24 HOURS	DATE AND YEAR				
		DRY- BULB	WET- BULB	DAILY MAX	DAILY MIN	HIGHEST IN THE MONTH	LOWEST IN THE MONTH	DATE AND YEAR	DATE AND YEAR														
		°F	°F	°F	°F	°F	°F	HIGHEST	LOWEST	RELATIVE HUMIDITY	VAPOUR PRESSURE	ALL CLOUDS	LOW CLOUDS	mm	mm	mm	mm	Km.P.H.					
JANUARY	I	1013.6	23.5	21.3	26.8	20.3	30.3	18.1	32.8	31	13.9	29	83	23.6	3.6	1.9	23.8	1.4	244.1	0	212.9	15	9.0
	II	1010.5	26.2	21.9					1894	1905	67	22.9	3.4	1.7			1915				1915		
FEBRUARY	I	1012.2	24.7	22.1	30.6	21.1	32.7	18.3	36.7	18	13.0	12	80	24.4	3.0	1.3	6.3	0.6	162.8	0	123.2	5	9.2
	II	1009.0	27.5	22.5					1927	1934	63	23.2	2.5	0.8			1929				1909		
MARCH	I	1010.6	27.1	23.8	32.7	23.1	35.1	20.0	40.6	29	16.7	9	77	26.9	2.7	1.4	15.1	0.7	262.6	0	88.1	5	10.2
	II	1007.1	29.4	24.3					1953	1956	64	26.2	1.9	0.4			1944				1944		
APRIL	I	1008.4	29.9	25.8	34.9	26.0	38.0	23.0	42.8	27	20.0	3	72	29.9	4.2	2.1	24.7	1.2	191.0	0	96.3	2	10.5
	II	1004.3	31.0	26.4					1908	1939	68	30.6	3.1	0.4			1909				1945		
MAY	I	1004.5	31.5	25.9	37.6	27.8	41.2	24.6	45.0	21	21.1	14	63	29.0	4.5	1.1	51.7	1.5	389.4	0	214.9	17	13.0
	II	1000.5	32.4	27.2					1910	1886	66	32.0	4.4	1.0			1952				1943		
JUNE	I	1003.5	31.0	24.4	37.3	27.5	40.3	23.9	43.3	3	20.6	16	58	25.4	5.8	0.5	52.6	4.0	194.8	3.3	59.2	27	16.4
	II	999.9	32.8	26.3					1948	1909	59	28.3	6.4	2.7			1886	1913			1931		
JULY	I	1002.2	29.3	24.1	35.2	26.3	37.8	23.2	41.1	4	21.7	9	65	26.2	6.6	0.8	83.5	6.5	265.7	15.0	116.3	28	14.6
	II	1000.7	31.5	25.5					1915	1947	61	27.7	7.1	3.0			1954	1885			1910		
AUGUST	I	1004.9	28.8	24.3	34.5	25.8	37.1	22.7	40.0	5	20.6	22	69	26.9	6.1	0.7	124.3	8.4	336.3	18.3	91.7	28	13.6
	II	1001.1	31.1	25.6					1918	1935	64	28.4	6.2	2.8			1894	1913			1950		
SEPTEMBER	I	1006.3	28.6	24.5	33.9	25.4	36.3	22.8	38.9	19	20.6	15	73	27.8	5.0	1.1	118.0	7.3	279.7	11.9	100.3	18	11.1
	II	1002.4	30.3	25.8					1883	1884	69	29.7	5.8	2.1			1897	1920			1881		
OCTOBER	I	1008.5	27.6	24.7	31.8	24.4	35.1	21.9	39.4	1	16.7	28	81	29.1	5.3	1.7	267.0	10.0	891.8	11.2	233.7	31	9.2
	II	1005.3	28.6	25.3					1920	1889	76	29.5	5.8	1.9			1943	1918			1888		
NOVEMBER	I	1010.9	25.7	23.5	29.2	22.5	31.9	19.5	34.4	10	15.0	26	83	27.2	5.9	2.5	308.7	9.8	1008.4	5.1	236.2	16	11.7
	II	1008.1	26.6	23.5					1952	1901	76	26.4	5.4	2.3			1918	1904			1922		
DECEMBER	I	1012.9	24.1	22.0	28.2	21.0	29.7	18.4	32.8	5	13.9	11	84	24.5	4.6	2.5	139.1	5.1	699.3	0.3	261.6	10	12.6
	II	1010.0	25.7	22.1					1909	1895	71	23.5	4.7	2.4			1946	1920			1901		
ANNUAL TOTAL OR MEAN	I	1008.4	27.7	23.9	32.9	24.3	41.5	17.5	45.0	13.9			74	26.7	8	1.5	1215.3	56.6	2134.9	522.2	261.6		11.8
	II	1004.9	29.4	24.7									67	27.4	7	1.8			1943	1904			
NUMBER OF YEARS	I	30	30	30	30	30	30	30	80	80			30	30	30	20	30	30	80	80	80		30
	II	28	10	10									10	10	28	20							

STATION Madras (Kilnabakram) contd.

MONTH	WEATHER PHENOMENA *							WIND												CLOUD												VISIBILITY*						
	NR OF DAYS WITH PRECIPITATION 0.3 mm. THUN- DUST OR MORE HAR. DER POS STORM SQUALL							NR OF DAYS WITH WIND SPEED (K.M.P.H.)		PERCENTAGE NR OF DAYS OF WIND FROM										NR OF DAYS WITH CLOUD AMOUNT (ALL CLOUDS) OKTAS				NR OF DAYS WITH LOW CLOUD AMOUNT OKTAS								NR OF DAYS WITH VISIBILITY						
	62 OR MORE 20-61 1-19 0	N NE E SE S SW W NW CALM	0 T-2 3-5 6-7 8	0 T-2 3-5 6-7 8 8	UP TO 1 km. 1-4 kms. 4-10 kms. 10-20 kms. OVER 20 kms.																																	
JANUARY	I	3	0	0.2	0.8	0	0.1	8	4	27	0	18	16	8	2	0	2	12	40	2	3	10	8	7	3	6	17	7	1	0	0	0.1	2	7	15	7		
	II							8	9	22	0	19	57	27	7	0	0	0	0	0	3	12	7	6	3	5	17	8	1	0	0	0	0	0	0.7	12	18	
FEBRUARY	I	1.4	0	0.3	0.7	0	0	8	1	26	1	7	5	9	6	4	12	26	28	3	5	10	6	5	2	10	14	3	1	0	0	0.1	1.5	10	12	5		
	II							8	6	22	0	1	26	37	32	4	0	0	0	0	7	10	5	5	1	14	11	2	1	0	0	0	0	0	0.3	10	18	
MARCH	I	1.0	0	0.7	0.3	0	0.3	8	1	29	1	3	2	4	66	18	28	26	11	2	6	12	7	5	1	9	16	5	1	0	0	0	1.0	7	15	8		
	II							8	10	21	0	0	5	27	57	10	0	0	0	1	12	10	4	4	1	20	10	1	0	0	0	0	0.1	1.8	9	20		
APRIL	I	1.7	0	2	0.1	0	0.6	8	4	25	1	1	1	2	10	36	35	9	4	2	2	8	9	9	2	5	14	9	2	0	0	0	0.2	1.7	12	16		
	II							8	13	17	0	0	1	13	70	15	1	0	0	0	6	10	6	6	2	17	12	1	0	0	0	0	0.1	0.3	9	21		
MAY	I	3	0	3	0	0.2	1.2	8	9	22	0	2	2	1	6	34	33	18	3	1	2	7	8	9	5	16	9	5	1	0	0	0	0.3	1.4	10	19		
	II							8	16	15	0	1	2	7	61	24	3	1	1	0	2	9	6	8	6	12	15	3	1	0	0	0.1	0.5	0.6	10	20		
JUNE	I	9	0	5	0	0.1	1.0	8	14	16	0	0	0	0	1	5	35	53	5	1	0	4	5	11	10	23	6	1	0	0	0	0	0	0.9	9	20		
	II							8	13	17	0	1	1	8	45	22	8	11	4	0	0	2	4	11	13	2	14	9	4	1	0	0	0.2	1.0	10	19		
JULY	I	14	0	5	0	0	3	8	9	22	0	0	0	0	1	5	36	52	5	1	0	2	4	10	15	20	8	3	0	0	0	0	0.2	1.4	10	19		
	II							8	11	20	0	1	2	7	39	15	13	19	4	0	0	1	3	9	18	2	14	11	4	0	0	0	0.3	1.2	9	20		
AUGUST	I	15	0	7	0	0	1.3	0	7	24	0	1	0	0	1	6	37	49	5	1	0	4	5	10	12	19	9	3	0	0	0	0	0.3	1.7	11	18		
	II							0	9	22	0	2	2	11	42	15	9	13	5	1	0	2	4	11	14	3	14	10	4	0	0	0	0.1	1.4	9	20		
SEPTEMBER	I	11	0	8	0	0	1.2	8	6	24	0	1	0	0	1	6	37	46	8	1	0	5	5	11	9	15	11	3	1	0	0	0	0.3	1.5	10	18		
	II							0	6	24	0	1	2	17	43	11	8	10	6	2	0	5	4	10	11	3	17	7	3	0	0	0	0.1	0.9	9	20		
OCTOBER	I	14	0	9	0.4	0	1.5	0	3	27	1	8	2	3	1	5	21	31	25	4	1	6	6	10	8	8	14	7	2	0	0	0	0.8	3	13	14		
	II							0	6	24	1	11	22	24	24	6	3	3	6	1	1	5	4	11	10	4	19	6	2	0	0	0	0.7	1.6	11	18		
NOVEMBER	I	11	0	3	0.1	0	0.6	0	6	25	1	24	16	8	3	1	2	11	34	1	1	6	6	9	8	5	13	8	3	1	0	0.2	1.6	4	13	11		
	II							0	11	19	0	29	45	11	7	1	0	1	5	1	1	6	5	8	10	4	14	9	2	1	0	0.1	0.9	3	11	15		
DECEMBER	I	7	0	0.5	0.4	0	0.1	0	7	24	0	29	18	5	1	0	0	5	42	0	1	8	7	9	6	4	15	7	4	1	0	0.1	1.5	6	15	9		
	II							0	14	17	0	30	53	13	1	0	0	0	3	0	1	8	6	9	7	4	15	10	2	0	0	0	0.6	1.9	13	16		
ANNUAL	I	91	0	44	3	0.3	11	0	71	289	5	8	5	3	3	10	23	28	18	2	21	82	76	105	81	140	146	61	16	2	0	0.3	10	46	145	164		
	II							0	124	240	1	7	18	17	36	10	4	5	3	0	33	80	58	98	96	90	172	77	24	2	0	0.2	3	15	122	225		
MEAN	I	21							25		28										28				20								28					
	II	25							25		28										28				20								28					

* NR OF DAYS 2 AND ABOVE ARE GIVEN IN WHOLE NUMBERS.